

FFS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Kil, David, et al.

Serial No.: 10/087,240

Filed: 03/01/2002

For: ONE-STEP DATA MINING
WITH NATURAL
LANGUAGE SPECIFICATION
AND RESULTS

Attorney

Docket No: 7648/82131 (00SC100/102/104)



Group No.: 2152

**COPY OF PAPERS
ORIGINALLY FILED**

Examiner:

I hereby certify that this paper is being deposited with the United States Postal Service as First Class mail in an envelope addressed to: Box Missing Parts, Commissioner for Patents, Washington, DC 20231, on this date:

May 9, 2002
Date

Perry A. Fertig

RESPONSE TO MISSING PARTS

This is in response to the Notice of Missing Parts mailed April 9, 2002 with a shortened statutory period set to expire two months from the mailing date of the Notice.

Enclosed herewith is the oath and declaration that has been duly executed by the inventors, David Kil and Kenneth Williams Fertig. Also enclosed is a check in the amount of \$130 pursuant to 37 CFR 1.16(l). If additional fees are required, authorization is hereby provided to charge Deposit Account 23-0920 for such fees. A duplicate of his sheet is enclosed.

A substitute specification is submitted in accordance with 37 CFR 1.125(b). The substitute specification contains no new matter. Also enclosed is a marked up version of the substitute specification showing all of the changes to the specification of record and a copy of the substitute specification in clean form without marking as to amended material.

Also enclosed is a substitute Fig. 11, with changes indicated in red, and a second copy in black and white.

REMARKS:

The notice to File Missing Parts of Non-Provisional Application dated 04/09/2002 indicated that Figures 11, 13, and 14 described in the specification appear to have been omitted from the application. The attached substitute specification cancels references in the application to Figures 11, 13, and 14, to renames Figure 12 as Figure 11 in the specification and

Response to Missing Parts

Applicant: Kil, David, et al.

Serial No. 10/087,240

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drawings, and to corrects references in the specification to correspond to the renumbered drawing Figure 12, (now Figure 11).

Respectfully submitted,

WELSH & KATZ, LTD.

By: 

Philip D. Segrest, Jr.

Registration No. 39,021

May 9, 2002

WELSH & KATZ, LTD.

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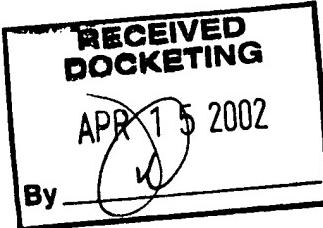


UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
 UNITED STATES PATENT AND TRADEMARK OFFICE
 WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/087,240	03/01/2002	David Kil	82131

24628
 WELSH & KATZ, LTD
 120 S RIVERSIDE PLAZA
 22ND FLOOR
 CHICAGO, IL 60606



CONFIRMATION NO. 4273

FORMALITIES LETTER



OC000000007831719

Date Mailed: 04/09/2002

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

The following item(s) appear to have been omitted from the application:

- Figure(s) 11,13,14 described in the specification.

I. Should applicant contend that the above-noted omitted item(s) was in fact deposited in the U.S. Patent and Trademark Office (USPTO) with the nonprovisional application papers, a copy of this Notice and a petition (and \$130.00 petition fee (37 CFR 1.17(h))) with evidence of such deposit must be filed within TWO MONTHS of the date of this Notice. The petition fee will be refunded if it is determined that the item(s) was received by the USPTO.

II. Should applicant desire to supply the omitted item(s) and accept the date that such omitted item(s) was filed in the USPTO as the filing date of the above-identified application, a copy of this Notice, the omitted item(s) (with a supplemental oath or declaration in compliance with 37 CFR 1.63 and 1.64 referring to such items), and a petition under 37 CFR 1.182 (with the \$130.00 petition fee (37 CFR 1.17(h)) requesting the later filing date must be filed within TWO MONTHS of the date of this Notice.

III. The failure to file a petition (and petition fee) under the above options (I) or (II) within TWO MONTHS of the date of this Notice (37 CFR 1.181(f)) will be treated as a constructive acceptance by the applicant of the application as deposited in the USPTO. THIS TWO MONTH PERIOD IS NOT EXTENDABLE UNDER 37 CFR 1.136(a) or (b). In the absence of a timely filed petition in reply to this Notice, the application will maintain a filing date as of the date of deposit of the application papers in the USPTO, and original application papers (i.e., the original disclosure of the invention) will include only those application papers present in the USPTO on the date of

deposit.

In the event that applicant elects not to take action pursuant to options (I) or (II) above (thereby constructively electing option (III)), amendment of the specification to renumber the pages consecutively and cancel incomplete sentences caused by any omitted page(s), and/or amendment of the specification to cancel all references to any omitted drawing(s), relabel the drawing figures to be numbered consecutively (if necessary), and correct the references in the specification to the drawing figures to correspond with any relabelled drawing figures, is required. Any drawing changes should be accompanied by a copy of the drawing figures showing the proposed changes in red ink. Such amendment and/or correction to the drawing figures, if necessary, should be by way of preliminary amendment submitted prior to the first Office action to avoid delays in the prosecution of the application.

*A copy of this notice **MUST** be returned with the reply.*



Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

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MP&

PTO/SB/17 (11-01)

Approved for use through 10/31/2002 OMB 0651-0032
Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



FEES TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

\$130.00

Complete if Known

Application Number	10/087,240
Filing Date	03/01/2002
First Named Inventor	Kil, David
Examiner Name	Unknown
Group Art Unit	2152
Attorney Docket No.	7648/82131

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Other None

Deposit Account:

Deposit Account Number **23-0920**

Deposit Account Name **Welsh & Katz, Ltd.**

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments

Charge any additional fee(s) during the pendency of this application

Charge fee(s) indicated below, except for the filing fee to the above identified deposit account.

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid	
Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid	
105 130	205 65	Surcharge - late filing fee or oath	130.00	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet		
139 130	139 130	Non - English specification		
147 2,520	147 2,520	For filing a request for ex parte reexamination		
112 920*	112 920*	Requesting publication of SIR prior to Examiner action		
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action		
115 110	215 55	Extension for reply within first month		
116 400	216 200	Extension for reply within second month		
117 920	217 460	Extension for reply within third month		
118 1,440	218 720	Extension for reply within fourth month		
128 1,960	228 980	Extension for reply within fifth month		
119 320	219 160	Notice of Appeal		
120 320	220 160	Filing a brief in support of an appeal		
121 280	221 140	Request for oral hearing		
138 1,510	138 1,510	Petition to institute a public use proceeding		
140 110	240 55	Petition to revive - unavoidable		
141 1,280	241 640	Petition to revive - unintentional		
142 1,280	242 640	Utility issue fee (or reissue)		
143 460	243 230	Design issue fee		
144 620	244 310	Plant issue fee		
122 130	122 130	Petitions to the Commissioner		
123 50	123 50	Processing fee under 37 CFR § 1.17(q)		
126 180	126 180	Submission of Information Disclosure Statement		
581 40	581 40	Recording each patent assignment per property (times number of properties)		
146 740	246 370	Filing a submission after final rejection (37 CFR § 1.129(a))		
149 740	249 370	For each additional invention to be examined (37 CFR § 1.129(b))		
179 740	279 370	Request for Continued Examination (RCE)		
169 900	169 900	Request for expedited examination of a design application		
Other fee (specify) _____				
SUBTOTAL (2)		\$0.00	SUBTOTAL (3)	\$130.00

**or number previously paid, if greater; For Reissues, see above

*Reduced by Basic Filing Fee Paid

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Philip D. Segrest, Jr.	Registration No. (Attorney/Agent)	39,021	Telephone	(312) 655-1500
Signature	<i>Philip D. Segrest, Jr.</i>			Date	May 9, 2002

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Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.